



Rusi P. Taleyarkhan

612 Shady Creek Drive

Lafayette, IN 47905

Tel: (765)-418-0756; Email: rusitaleyarkhan@msn.com

VIA Express Mail

June 5, 2007

Commissioner for Patents

POBox 1450

Arlington VA 22313-1450

Dear Sir,

IDS for Application no 10/692,755 transmitted by Applicant

The applicant respectfully submits herewith an Information Disclosure Statement (IDS) as requested by the examiner along with the IDS Form and the required fee of \$180.

The applicant respectfully states for the record that the entries in the IDS represent background art which was requested by the Examiner Mr. Palabrica on 5/24/2007. The submission of these materials (except for the paper by Taleyarkhan et al., 2002) should not be construed as admission by the applicant of these materials constituting prior art for the present invention.

Sincerely,

A handwritten signature in black ink that reads "Rusi P. Taleyarkhan".

Rusi P. Taleyarkhan, Applicant

Attachments:

1. IDS Form	06/11/2007 EHAILE1 00000016 10692755
2. Credit Card Form	01 FC:1806 180.00 OP
3. Attachments to IDS Form	

- Bugg W., "Report on activities on June 6-7 2006 visit," Report to Purdue University, June 9, 2006.
- Forringer, E., D. Robbins and J. Martin, "Confirmation of neutron production during self-nucleated acoustic cavitation," Archived in Transactions of the American Nuclear Society, Vol. 95, pp. 736-737, November 12-16, 2006
- LeTourneau University News Release, Nov. 17 2006.
- Nigmatulin, R. I., et al., "Theory of supercompression of vapor bubbles and nanoscale thermonuclear fusion," Physics of Fluids, Vol. 17, 107106, 2005.
- Nigmatulin, R. I., R. P. Taleyarkhan and R. T. Lahey,Jr., "Evidence of nuclear emissions during acoustic cavitation revisited," Journal of Power and Energy, March, 2004.
- Taleyarkhan, R.P., et al., "Evidence of nuclear emissions during acoustic cavitation," Science, Vol. 295, 8 March, 2002.
- Taleyarkhan, R.P., et al., "Additional evidence of nuclear emissions during acoustic cavitation," Physical Review E, Vol. 69, 036109-1 to 11, March, 2004.
- Xu, Y. and A. Butt, "Confirmatory experiments for nuclear emissions during acoustic cavitation," Nuclear Engineering and Design, Vol. 235, pp. 1317-1324, 2005.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/692,755		
Filing Date	October 27, 2003		
First Named Inventor	TALEYARKHAN		
Art Unit	3663		
Examiner Name	Palabrica, Ricardo J.		
Sheet	1	of	1
		Attorney Docket Number	9750-1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	LeTourneau University News Release, Nov. 17, 2006.	
	2	Forringer, E., D. Robbins, and J. Martin, "Confirmation of Neutron Production During Self-Nucleated Acoustic Cavitation," Archived in Transactions of the American Nuclear Society, Vol. 95, pp. 736-737, November 12-16, 2006.	
	3	Bugg, W. "Report on Activities on June 6-7, 2006 Visit," Report to Purdue University, June 9, 2006.	
	4	Nigmatulin R. I., I. Akhatov, A. Topolnikov, R. Bolotnova, N. Vakhitova, R. T. Lahey, Jr., and R. P. Taleyarkhan, "Theory of supercompression of vapor bubbles and nanoscale thermonuclear fusion," Physics of Fluids, Vol. 17, 107106, 2005.	
	5	Nigmatulin, R.I., R. P. Taleyarkhan and R. T. Lahey,Jr., "Evidence of nuclear emissions during acoustic cavitation revisited," Proc. Instn. Mech. Engrs, Vol. 218, Part A: Journal of Power and Energy, 14, March 2004.	
	6	Taleyarkhan, R. P., C. D. West, J. S. Cho, R. T. Lahey,Jr., R. I. Nigmatulin, and R. C. Block, "Evidence of nuclear emissions during acoustic cavitation," Science, Vol. 295, 8 March, 2002.	
	7	Taleyarkhan, R. P., J. S. Cho, C. D. West, R. T. Lahey,Jr., R. I. Nigmatulin, and R. C. Block, "Additional evidence of nuclear emissions during acoustic cavitation," Physical Review E, Vol. 69, 036109-1 to 11, March, 2004.	
	8	Xu, Y., and A. Butt, "Confirmatory experiments for nuclear emissions during acoustic cavitation," Nuclear Engineering and Design, 235, pp. 1317-1324, 2005	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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